

FIG. 1

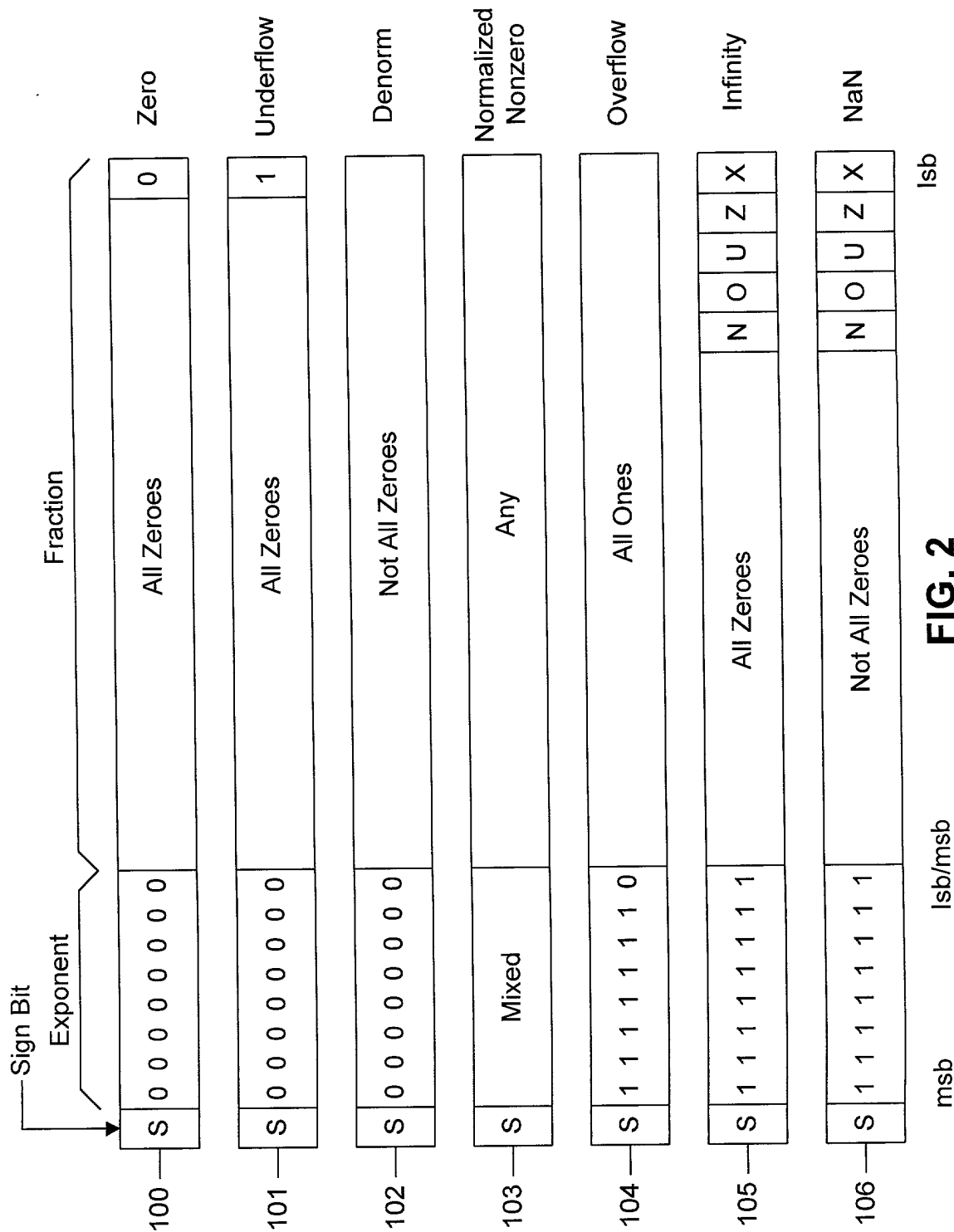


FIG. 2

| Value | s | e... | f... |
|----------------------------------|---|----------------------------------|--------------|
| $+\infty$ | 0 | 111... | 000... |
| $-\infty$ | 1 | 111... | 000... |
| NaN | X | 111... | Not (000...) |
| +0 | 0 | 000... | 000... |
| -0 | 1 | 000... | 000... |
| $(-1)^s 2^{e-bias}(1. f...)$ | X | Not (000...) and Not (111...) | X |
| $(-1)^s 2^{e-bias+1}(0. f...)$ | X | 000... | Not (000...) |

X = Don't Care

FIG. 3 (Prior Art)